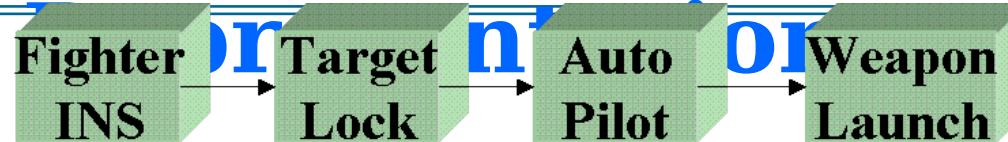
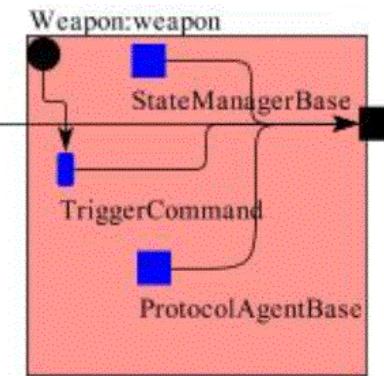
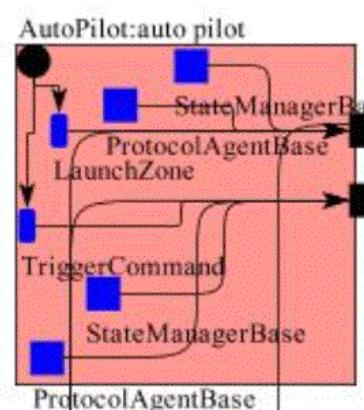
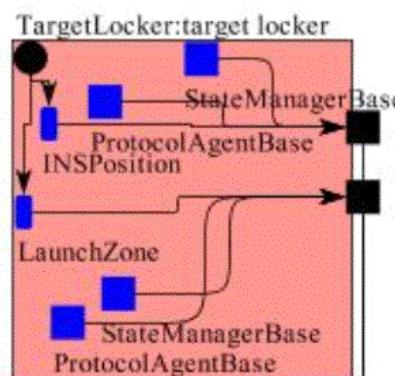
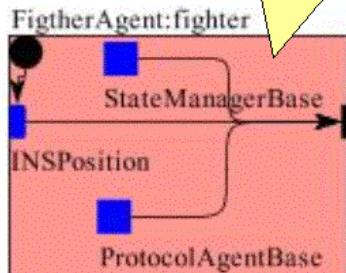




Time Weaver



“Component”



“Coupler”

Coupler:event delivery

“Processing node”
is a special
“Platform Coupler”

CouplerSystem:Fighter System

CouplerNode

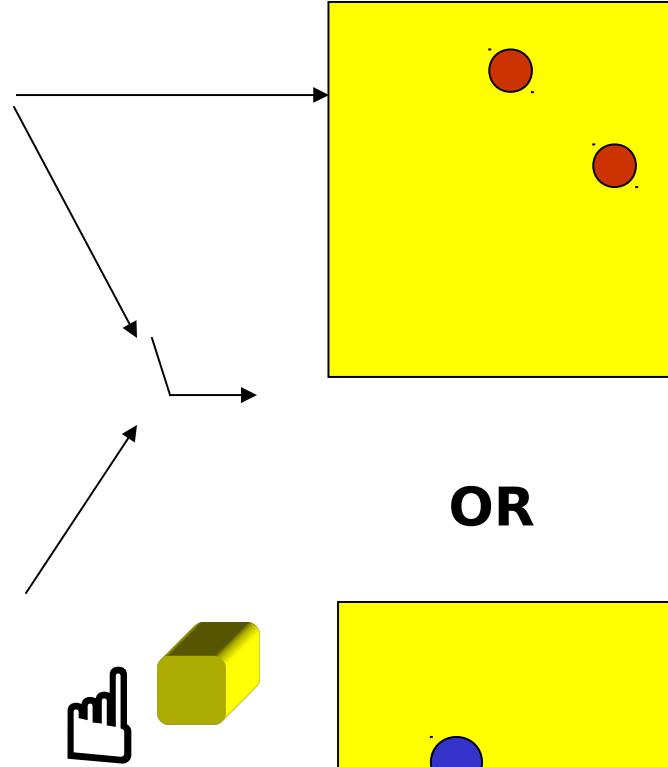
Approved for Public Release, Distribution Unlimited



Time Weaver Demos

- **Modality of components**
 - Based on Boeing Avionics model and component modalities
- **Model capture and End-to-end timing analysis**
 - Based on Lockheed Martin's STRIVE challenge problem
 - Shows inter-operability with Time Wiz for timing analysis

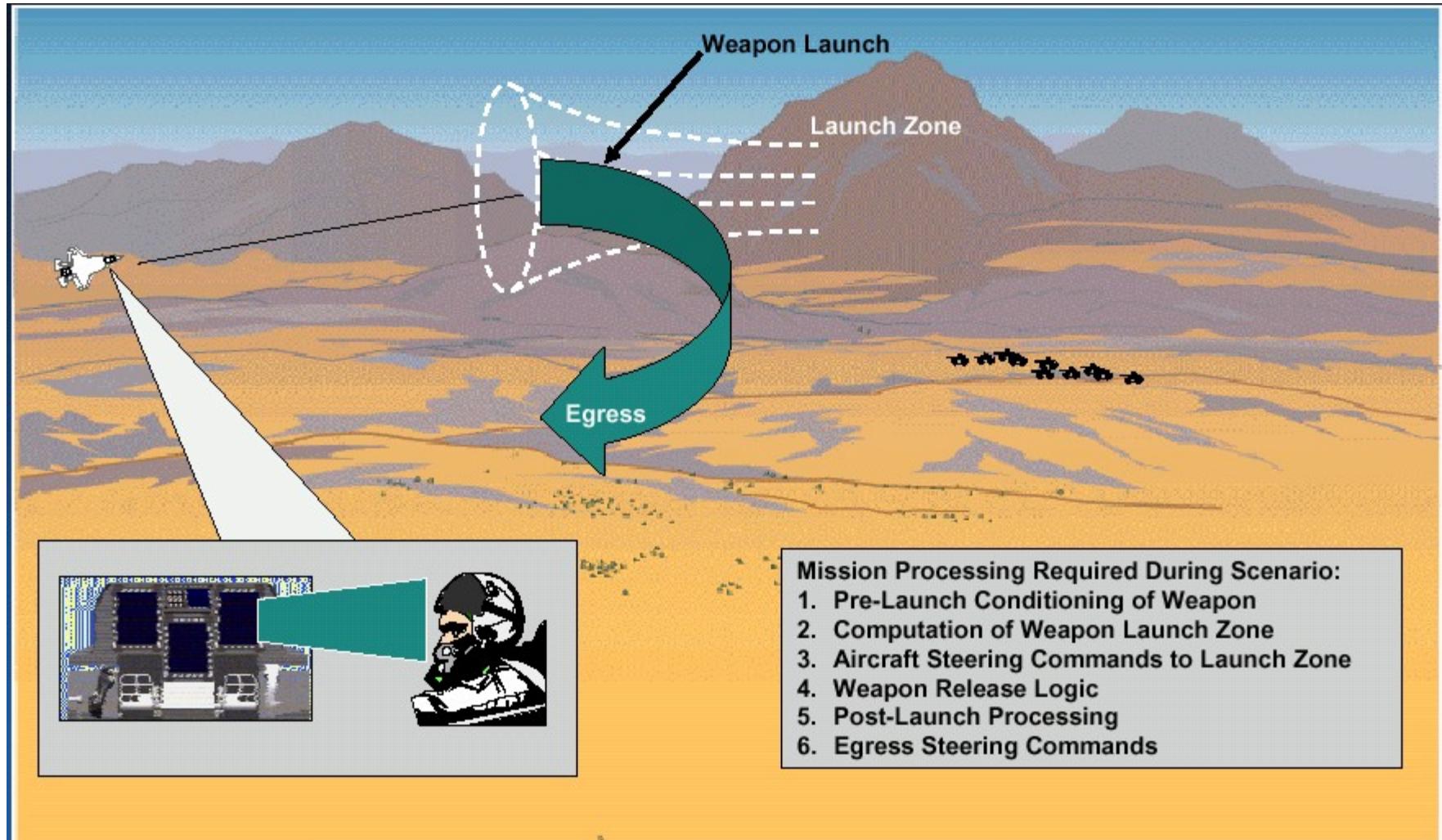
Modality Demo



1. Start with single radar ; see application
2. See Time Weaver model
3. Add Radar2, modality controller and mode support
4. See new demo!



LM Challenge Problem



1. Start with LM representation of components, threads and event
2. Export to Time Wiz and do performance analysis.